Vol. 247, Nos. 1,2 Clinica Chimica Acta 29 March 1996

CONTENTS

Cited in: *Biological Abstracts — CABS — Chemical Abstracts — Current Contents/Life Sciences — Excerpta Medica — Index Medicus — Clinical Chemistry Lookout — Current Clinical Chemistry — Informedicus — PASCAL M — Reference Update — Current Clinical Cancer*

An improved technique for the assay of red blood cell superoxide dismutase (SOD) activity
L.E. Ilouno, E.N. Shu, G.E. Igbokwe (Nigeria) 1

The activity of a blood type B specific exoglycosidase from *Glycine max*
L. Hobbs, M. Mitra, R. Phillips, D. Smith (USA) 7

Immunoluminometric assay (ILMA) for intact human proinsulin and its conversion intermediates
T.M. Zilkens, A.M. Eberle, H. Schmidt-Gayk (Germany) 23

Plasma lysosomal glycohydrolases in a general population
A. Lombardo, C. Bairati, G. Goi, C. Roggi, L. Maccarini, D. Bollini, A. Burlina (Italy) 39

Plasma 1,5-anhydro-D-glucitol concentration and its relation to other plasma components in renal failure and renal transplant recipients
G. Phillipov, V.T. Ninan, T.H. Mathew (Australia) 51

Peptic-tryptic digests of gliadin: contaminating trypsin but not pepsin interferes with gastrointestinal protein binding characteristics
G. Bolte, A. Osman, T. Mothes, M. Stern (Germany) 59

Serum paraoxonase activity is decreased in uremic patients
R. Schiavon, E. De Fanti, D. Giavarina, S. Biasioli, G. Cavalcanti, G. Guidi (Italy) 71

Ketone body ratios of the superior and inferior vena cava and of pulmonary arterial blood compared to that of arterial blood: central venous ketone body ratio as a substitute for the arterial ketone body ratio
Y. Terada, Y. Eguchi, Y.-J. Chang, R. Tabata, H. Sakumoto, O. Takehiro, S. Uno, K. Ozawa 81

Specific oncological contribution of cathepsin D and pS2 in human breast cancer: their relationship with TNM status, estradiol receptors, epidermal growth factor receptor and *neu* amplification
P. Bolufer, M.D. Torregrosa, L. Gomez, B. Munarriz, J.A. López, E. Asins, S. Espinoza, F. Vera, C. Vazquez, V. Guillem (Spain) 89

Intracellular degradation of sulforhodamine-G_{M1}: use for a fluorescence-based characterization of G_{M2}-gangliosidosis variants in fibroblasts and white blood cells
V. Agmon, R. Khosravi, S. Marchesini, T. Dinur, A. Dagan, S. Gatt, R. Navon (Israel, Italy) 105

Analysis of plasma isoflavones by reversed-phase HPLC-multiple reaction ion monitoring-mass spectrometry
L. Coward, M. Kirk, N. Albin, S. Barnes (USA, France) 121

Impairment of ganglioside metabolism in cultured fibroblasts from Salla patients
M. Pitto, V. Chigorno, M. Renlund, G. Tettamanti (Italy, Finland) 143

Short communications

Characterization of low-density-lipoprotein in apolipoprotein E deficiency in a patient without coronary atherosclerosis
T. Teramoto, M. Kinoshita, M. Kawamura, Y.-Q. Liang, K. Kaneko, N. Shimazu, S. Suga, N. Akatuka, M. Yamanaka (Japan) 159

Characterization of clinical assays for leukocyte and fibroblast alpha-*N*-acetylgalactosaminidase activities for the diagnosis of alpha-*N*-acetylgalactosaminidase deficiency
E.M. Prence, J. Gleason, M.R. Natowicz (USA) 167

Influence of apolipoprotein E phenotypes on total serum cholesterol in Japanese children
M. Tozuka, H. Ohta, H. Hidaka, N. Okumura, K. Furihata, T. Katsuyama (Japan) 175

Increased plasma thiobarbituric acid-reactive substances (TBARS) before opportunistic infection symptoms in HIV infected individuals
O. Lopez, D. Bonnefont-Rousselot, M. Mollereau, R. Olivier, L. Montagnier, J. Emerit, M. Gentilini, J. Delattre (France) 181

Specific carbohydrate antigen LeY expression on lymphocytes in diabetes mellitus
T. Nagai, T. Tomizawa, K. Sudou, C. Shiozawa, M. Mori (Japan) 189

Letter to the Editor

Simultaneous metabolic profile studies of three patients with fatal infantile mitochondrial myopathy-de Toni-Fanconi-Debré syndrome by GC/MS
C. Ning, T. Kuhara, I. Matsumoto (Japan) 197

Author index 201
Subject index 203

0009-8981(19960415)247:1/2;1-U

05097